

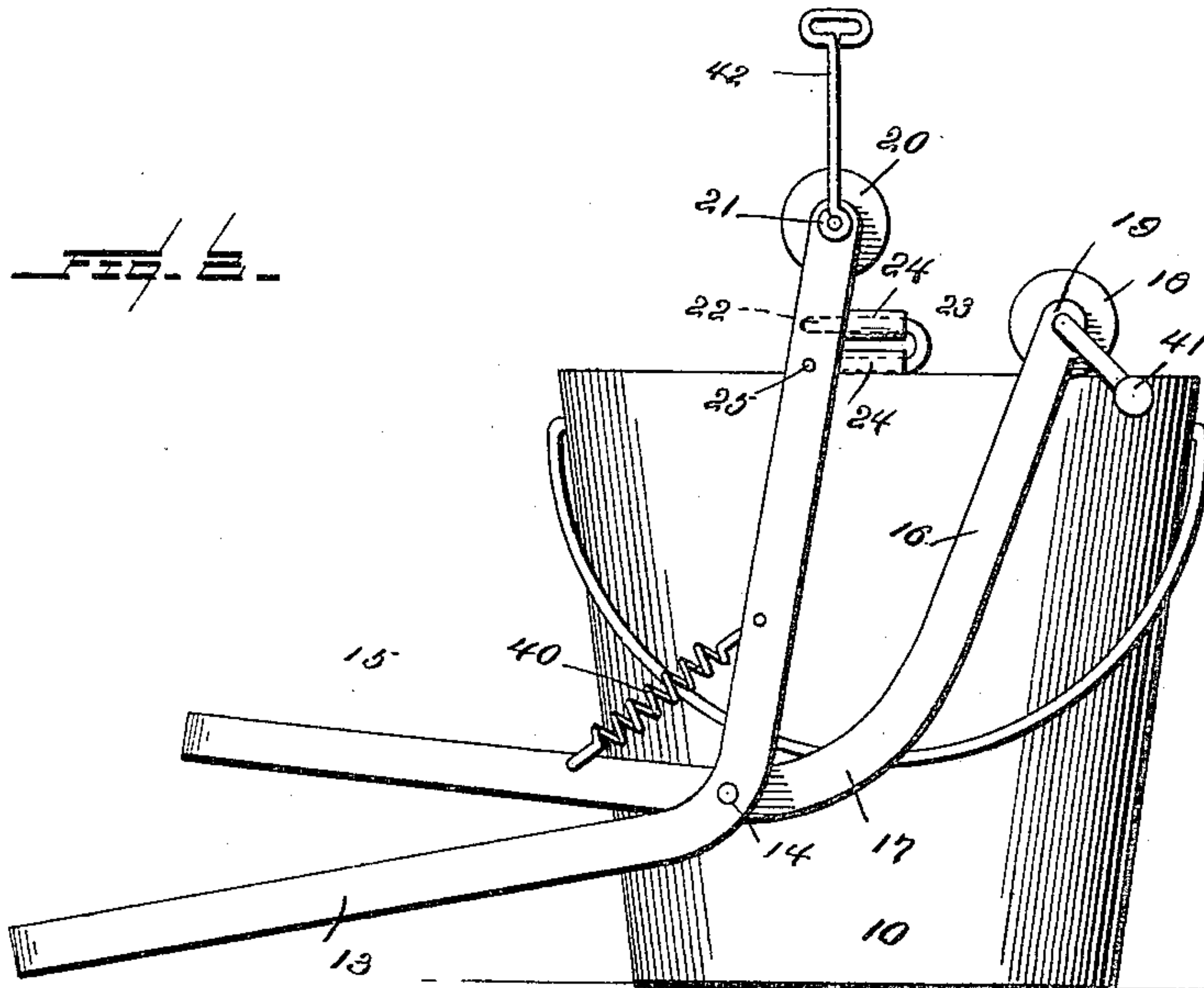
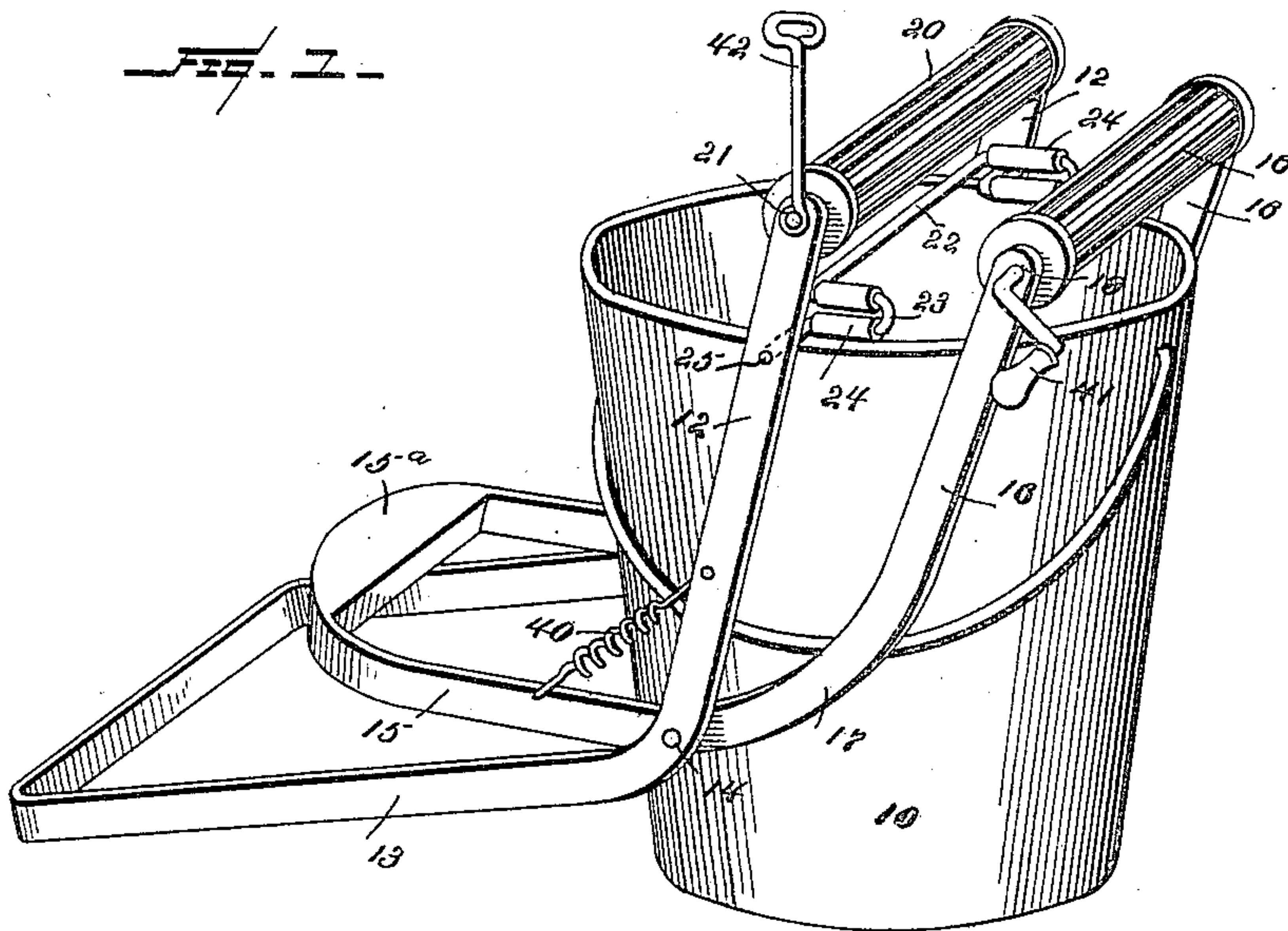
No. 824,286.

PATENTED JUNE 26, 1906.

J. V. COOK.
MOP WRINGER.

APPLICATION FILED MAY 17, 1905.

2 SHEETS—SHEET 1.



WITNESSES:

H. F. Hoyle
Geo. E. Tew

INVENTOR

John V. Cook,
By *Milo B. Stevens & Co.*
Attorneys

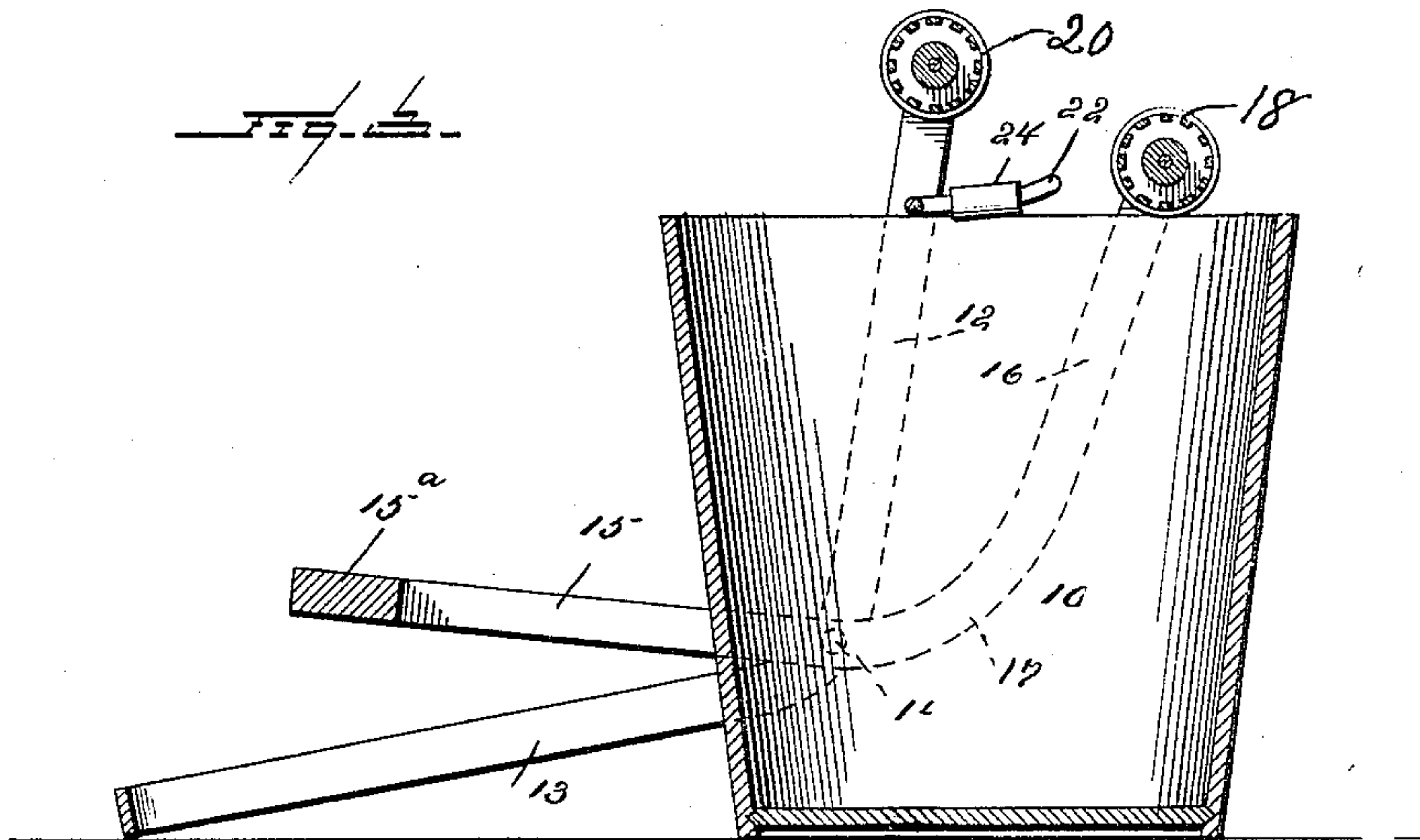
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UNITED STATES PATENT OFFICE.

JOHN V. COOK, OF CHICAGO, ILLINOIS.

MOP-WRINGER.

No. 824,286.

Specification of Letters Patent.

Patented June 26, 1906.

Application filed May 17, 1905. Serial No. 260,819.

To all whom it may concern:

Be it known that I, JOHN V. COOK, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented new and useful Improvements in Mop-Wringers, of which the following is a specification.

The object of this invention is to provide a mop-wringer which consists of a simple attachment readily applicable to various sizes of pails.

One of the features is a guard for keeping the edges of the mop between the main rollers, and this has small side rollers for wringing the edges of the mop.

In the accompanying drawings, Figure 1 is a perspective view of the wringer on a pail. Fig. 2 is a side elevation of the same. Fig. 3 is a vertical section of a pail and a modified form of the wringer.

Referring specifically to the drawings, 10 indicates a pail.

The wringer-frame has two levers 12 and a rearward extension 13, which rests on the floor.

At 14 is pivoted to the levers 12 a foot-lever 15, which has two upwardly-projecting arms 16, which are curved upwardly, as at 17; near the pivots.

18 is the forward roller, which is journaled at 19 to the ends of the arms or bars 16.

15^a is a foot-piece on the lever 15.

20 is the rear roller, which is journaled at 21 to the levers 12.

22 is the guard. This consists of a rod or piece of heavy wire having a double bend or loop 23 near each of its ends and small rollers 24 thereon. The guard 22 is attached by pivots 25 to the bars 12. This guard serves

as a stop or support to rest on top of the pail when the wringer is placed thereon. The rearward extension 13 also rests on the floor and accommodates or adjusts the frame of the wringer to various heights of pails, and the extension also prevents the pail from being easily tipped over. The guard 22 keeps the edges of the mop between the main rollers, and the small side rollers on the guard serve to wring the edges of the mop more effectively than if a single pair of rollers were employed. In the form shown in Fig. 3 only one roller 24 is used at each end of the guard. As shown, a spring 40 may connect the levers 15 and 12, and thus normally keep the rollers thrown open or apart; but this spring is not absolutely essential. A handle 41 may also be attached to the forward roller 18 for turning the same when desired. 42 indicates a wire handle attached to the lever 12, by being hooked around the spindle of the roller 20, for carrying the wringer.

What I claim as new, and desire to secure by Letters Patent, is—

A mop-wringer comprising a pair of levers pivoted together and carrying rollers at the ends, and a rod secured to one of the levers and extending across and resting on the pail and having lateral projections at the ends of the said rollers, said projections being provided with rollers.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

JOHN V. COOK.

Witnesses:

CLARA PROSCHE,
H. G. BATCHELOR.